

ABSTRACT OF THE DISCLOSURE

An electrolyte resistant to oxidation normally resulting from high voltage charging of a secondary battery comprising a $\text{Li}_{1+x}\text{Mn}_2\text{O}_4$ intercalation positive electrode 5 comprises a 0.5M to 2M solution of LiPF_6 dissolved in a mixture of non-aqueous dimethylcarbonate (DMC) and ethylene carbonate (EC) solvents wherein said solvents are present in a weight percent ratio range from about 95 DMC:5 EC to 20 DMC:80 EC.

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07/07/85